## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	3532	(laser with cladding) and gas	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/20 14:40
L3	553	2 and powder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/20 14:41
L4	22	3 and (stop\$3 with flow)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/20 14:42
SI	203	(219/615).CCLS.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/05 09:21
S6	19298	(laser with clad\$4)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/05 12:38
S7	778	S6 and cylinder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/05 12:48
S8	123	S7 and indin\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/05 12:49
S9	2896	clad\$4 and cylinder and valve	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/05 16:40
S17	19304	(laser with clad\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	ADJ	ON	2008/12/08 07:31

S18	226	S17 and (laser beam) and (rectangle or sqare)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/08 07:31
S19	2896	clad\$4 and cylinder and valve	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/08 07:32
\$20	28	S19 and (laser beam) and (rectangle or sqare)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/08 07:32
\$21	131	S19 and (laser beam) and (rectangle or square)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/08 08:22
S22	74	(laser with clad\$4) and ((cylinder-head) or (cylinder head)) and valve	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/08 08:35
\$24	2	S22 and (laser beam with rectangle)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/08 08:36
\$27	26	S19 and ((laser diode array) or (laser array))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/08 11:51
\$29	10416	(laser with cladding)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/08 18:45
\$30	10	\$29 and (flow stop \$4)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/08 18:45
S31	152	\$29 and (flow control \$4)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM TDB	ADJ	ON	2008/12/08 18:51

S32	74	(laser with clad\$4) and ((cylinder-head) or (cylinder head)) and valve	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/09 16:27
S39	10425	(laser with cladding)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/09 18:05
S41	5	S39 and (rotated reverse\$2)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/09 18:05
S42	2333	(laser head) and rotat \$3	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/09 18:50
S43	599	(laser head) with rotat\$3	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/09 18:53
S45	599	(laser head) with rotat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/10 07:55
S46	2	S45 and cylinder head	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/10 07:55
S47	2333	(laser head) and rotat \$3	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/10 07:58
S48	14	S47 and cylinder head	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/10 07:58
S74	19281	(laser with (clad or cladding))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	ADJ	ON	2008/12/11 13:43

<b>S</b> 75	1	S74 and ((compressive gas) or (compressive supply))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/11 13:46
S76	190305	clad or cladding	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/11 13:49
S77	15438	S76 and powder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/11 13:49
S78	11289	S77 and (stop\$4 or reduc\$4)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/11 13:50
S79	7739	S78 and pressure	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/11 13:51
S80	90185	S76 and (stop\$4 or reduc\$4)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/11 13:53
S81	601	S30 and (powder material)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/11 13:53
S82	34457	S30 and pressure	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/11 13:53
S83	440	S81 and pressure	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/11 13:54
S84	26	clad\$4 same (stop\$4 or reduc\$4) same (powder material)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM TDB	ADJ	ON	2008/12/11 13:58

S85	439	S83 and clad\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/11 14:52
S86	876	\$80 and (powder\$3 material)	US-PGPUB; USPAT; USOOR; FPPS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/11 15:31
S87	652	S86 and pressure	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/11 15:32
S89	352	(219/121.47).OOLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/14 11:06
S105	190464	clad or cladding	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/15 11:31
S106	90227	S105 and (stop\$4 or reduc\$4)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/15 11:31
S107	602	S106 and (powder material)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/15 11:31
S108	440	S107 and pressure	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/15 11:31
S109	439	S108 and clad\$4	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/15 11:31
S110	877	\$106 and (powder\$3 material)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/15 11:31

S111	652	S110 and pressure	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/15 11:31
S112	439	S111 and S109	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/15 11:31
S117	10	(plasma or laser) and ((powder with spray \$3) with (constant or steady) with pressure)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/16 16:28
S130	165094	"219"/\$.ccds.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/18 09:19
S141	1479	(clad\$4) and (RECTIFIER)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/18 09:51
S142	35	(clad\$4) with (RECTIFIER)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/18 09:51
S143	233	(powder) with (RECTIFIER)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/18 09:58
S144	3	S143 and laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/18 09:59
S145	5	laser with head with rectif\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/18 10:01
S146	233	(powder) with (RECTIFIER)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/18 11:36

S149	21	(laser with clad\$4) WITH (pressur\$4 with gas)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/19 14:10
S150	89	(US 20060169679-\$ or US 20050038551-\$ sor US 20050038551-\$ 20040182842-\$ or US 200401328842-\$ or US 20040133298-\$ or US 20040045323-\$ sor US 20030116542-\$ or US 20050133527-\$ or US 200500264811-\$ sor US 200200388-\$ or US 20020104833-\$ or US 20020100308-\$ or US 20020035867-\$ or US 200200358-\$ or US 20030035-\$ or US 20030035-\$ or US 20030035-\$ or US 20030038-\$ or	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/06/19 14:13

		6056827-\$ or US-6211483-\$ or US-6211483-\$ or US-6211483-\$ or US-6211483-\$ or US-6211483-\$ or US-62148350-\$ or US-5477026-\$), did, or (JP-2008149326-\$ or JP-2008093681-\$ or JP-2008093681-\$ or JP-200809368-\$ or JP-200903693-\$ or JP-200162564-\$ or JP-200162564-\$ or JP-200162564-\$ or JP-200162563-\$ or JP-200162563-\$ or JP-2002169368-\$ or JP-2002169368-\$ or JP-2002169368-\$ or JP-2002169368-\$ or JP-200162564-\$ or JP-200162564-\$ or JP-200162564-\$ or JP-200162564-\$ or JP-200162563-\$ or JP-200162565-\$ or JP-200162565-\$ or JP-20016256-\$ or JP-2001626617-\$ or JP-200093681-\$ or JP-200093681-\$ or JP-200094167-\$ or JP-200094167-\$ or JP-200094167-\$ or JP-2001021681-\$ or JP-2001021681-\$ or JP-2001021681-\$ or JP-2001021681-\$ or JP-201021681-\$ or JP				
S151	18	S150 and (pressur\$4 with gas)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/19 14:14
S152	63	(laser with head) with (reverse with direction)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/19 16:04
S155	1	S152 and cladding	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/19 16:04

S156	4	S152 and weld\$3	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/19 16:06
S157	69	((AKIO) near2 (SATO)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/19 16:19
S158	42	((YOSHINORI) near2 (ISHIKAWA)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/19 16:20
S159	25	S158 and laser and direction	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/19 16:21
S160	304	(laser with head) with ((reverse or change) with direction)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/19 16:24
S161	241	S160 not S152	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/19 16:28
S162	101	(laser with clad\$4) and ((cylinder-head) or (cylinder head))	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/19 18:23
S163	56	S162 and powder	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/19 18:24
S164	10947	(laser with cladding)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/19 18:45
S165	159	S164 and (flow control\$4)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/19 18:45
S166	32	S165 and powder	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/19 18:45

<sup>6/20/2009 4:42:16</sup> PM

C:\ Documents and Settings\ hnguyen45\ My Documents\ EAST\ Workspaces\ 10562574.wsp